

Fig. 1

Fig. 1
A perspective view of a camera system. A central lens 24 is positioned between two cameras, 21 and 22. Camera 21 is mounted on a vertical plate 20, which is angled downwards. Camera 22 is mounted on a horizontal plate 23, which is angled upwards. Camera 25 is shown at the top left, connected by a line to the central lens 24.

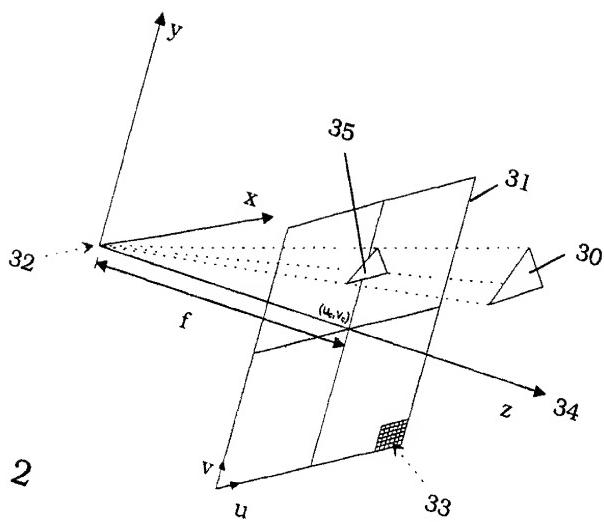


Fig. 2

Fig. 2
A diagram illustrating a coordinate system and projection. A 3D coordinate system is shown with axes x, y, and z. A camera is represented by a lens 35 and a sensor plane 31. A point (u_i, v_i) is projected from the 3D space onto the sensor plane 31. A reference frame (u, v) is also shown. A shaded area 33 is indicated on the sensor plane 31.

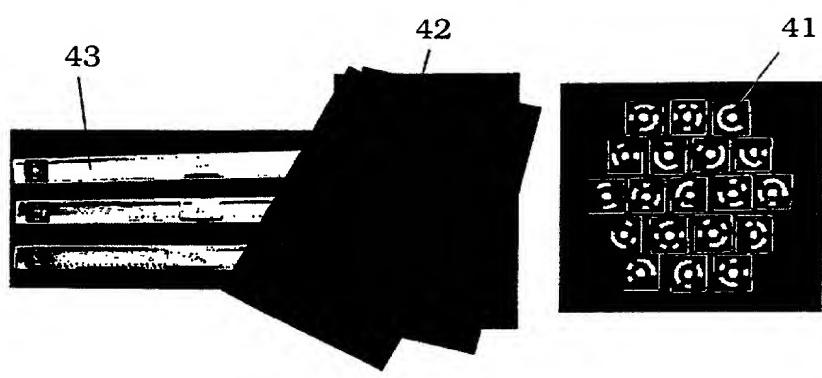


Fig. 3

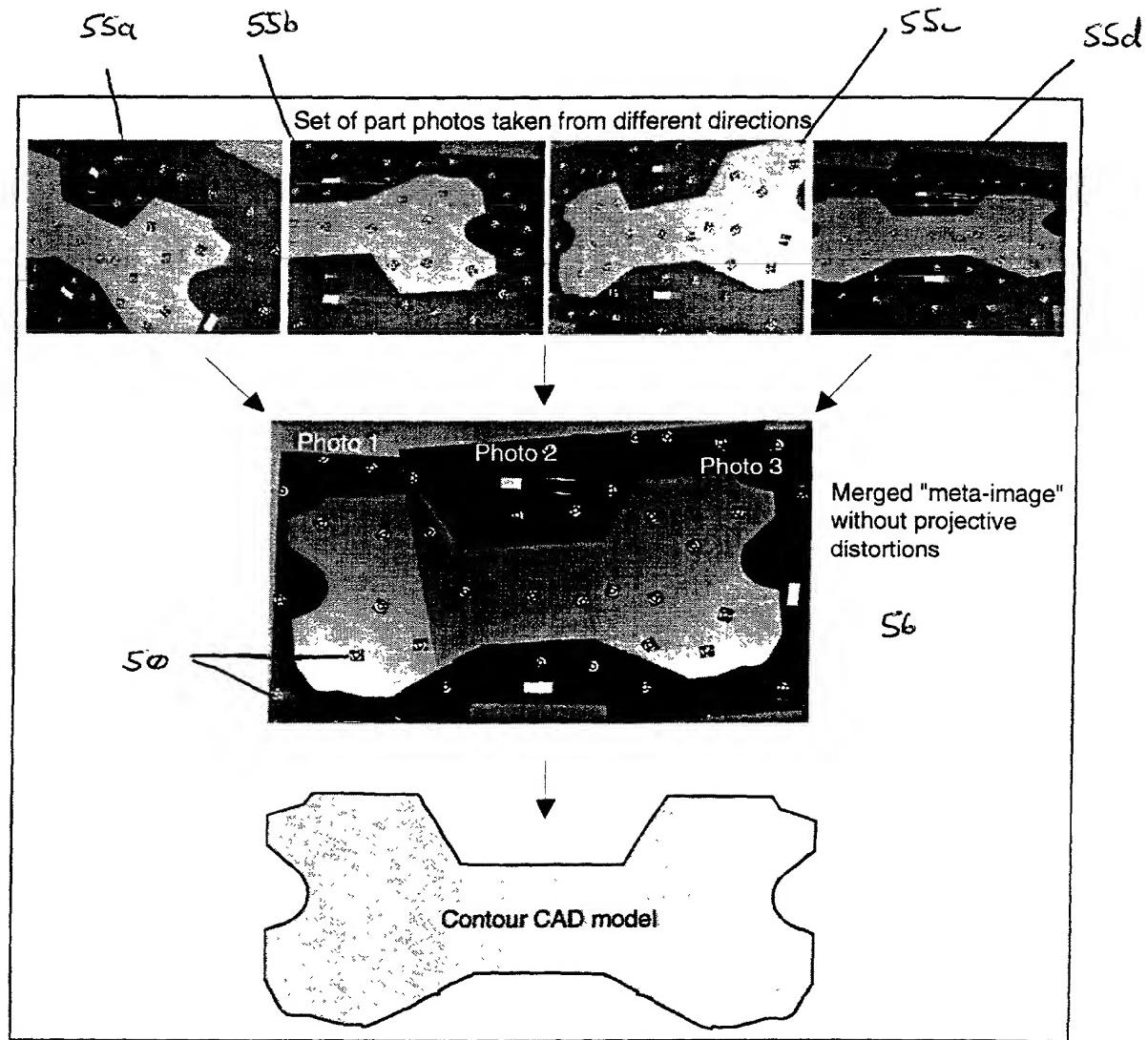


FIG. 4

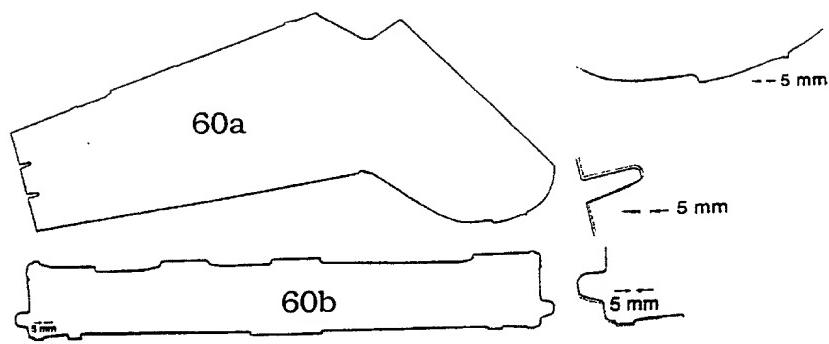


Fig. 5

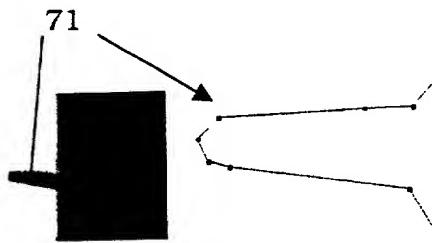


Fig. 6

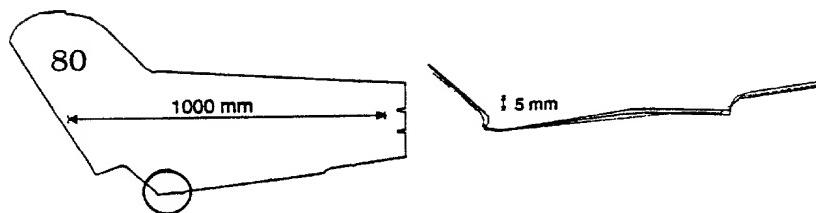


Fig. 7